

## ABSTRACT

1        A method of optimizing the predictability of a vision correction procedure by comparing  
2        historical data, including the vision defect, the correction method and outcome, in terms of wavefront  
3        aberrations with a patient's condition to select an acceptable procedure. The patient's eye is  
4        examined and an optical model is created and compared to the historical data to select an acceptable  
5        procedure. The procedure is performed and the outcome is included in the data base.

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